

ABSTRACT OF THE DISCLOSURE

This invention prevents complication of an application to reduce the labor of development and ensure normal processing. In this invention, a processing element definition unit stores the identification information and execution order of processing elements to be used, for each identification information of a process which sequentially uses a plurality of processing elements. A recovery processing element definition unit stores the identification information of a recovery processing element to be executed when an abnormality occurs, for each identification information of a processing element. An executing unit refers to the processing element definition unit on the basis of a processing element use request, and executes a processing element to be processed next. When an abnormality occurs during execution of a processing element, a recovery executing unit refers to the recovery processing element definition unit on the basis of the identification information of the processing element which has caused the abnormality, and executes a recovery processing element corresponding to the abnormality.

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